

**From:** <guy.i.drake@power.alstom.com> (Bret Kent)  
**To:** James Nelson  
**CC:** Bret Kent; gary.c.allen@power.alstom.com  
**Date:** 12/20/2010 12:36 PM  
**Subject:** IPSC Lynndyl #2, LAP-4100 Proposal

Mr. Nelson,

I was able to catch Gary before he left the office and discuss the Duplex(tm) Sealing option. He agree's that Duplex Sealing would not gain anything on your secondary units based on having a Leakage Control System in place.

We dug up the paragraph our performance people provided earlier, in May 2002.

"Duplex(tm) Sealing will NOT provide additional leakage savings because the LCS if operated correctly will reduce the leakage below our 5% minimum quote. Therefore, if they plan on keeping the LCS, then Duplex Sealing is not applicable for this application. "

Hope this clears it up for you. Thanks.

Air Preheater Company  
Guy Drake

Project Manager

**From:** James Nelson<JIM-N@ipsc.com> (Bret Kent)  
**To:** gary.c.allen@power.alstom.com; guy.i.drake@power.alstom.com  
**CC:** Bret Kent  
**Date:** 12/20/2010 12:37 PM  
**Subject:** Re: IPSC Lynndyl #2, LAP-4100 Proposal

I would still like to have a discussion with someone specifically aware of the design parameters of the duplex sealing system if for no other reason than just to educate me. I understand that you have established a 5% baseline target or guarantee type number associated with the overall sealing system. I would like to know what the limiting factors are in minimizing leakage across the circumferential, radial and bypass seals. You are apparently telling me that other factors become more significant than, or limit the effectiveness of the seals in controlling leakage.

Also, if the duplex system is eliminated from the design, I would expect to see a significant adjustment of the cost estimate; I see none at all.

Please contact me as soon as you can regarding these issues. thank you

>>> <[guy.i.drake@power.alstom.com](mailto:guy.i.drake@power.alstom.com)> 05/12/03 02:09PM >>>  
Mr. Nelson,

I was able to catch Gary before he left the office and discuss the Duplex(tm) Sealing option. He agree's that Duplex Sealing would not gain anything on your secondary units based on having a Leakage Control System in place.

We dug up the paragraph our performance people provided earlier, in May 2002.

"Duplex(tm) Sealing will NOT provide additional leakage savings because the LCS if operated correctly will reduce the leakage below our 5% minimum quote. Therefore, if they plan on keeping the LCS, then Duplex Sealing is not applicable for this application. "

Hope this clears it up for you. Thanks.

Air Preheater Company  
Guy Drake

Project Manager

**From:** <guy.i.drake@power.alstom.com> (Bret Kent)  
**To:** James Nelson  
**CC:** Bret Kent; gary.c.allen@power.alstom.com  
**Date:** 12/20/2010 12:37 PM  
**Subject:** Re: IPSC Lynndyl #2, LAP-4100 Proposal  
**Attachments:** pic13784.pcx

Mr. Nelson,

Please don't get confused. The budget numbers and earlier budget quotes do not include the Duplex(tm) Sealing option. It was ruled out earlier. Only the Clearflow(tm) Rotor design (2-layer conversion) costs are in the quotes with the re-configured heating elements.

Gary Allen will be contacting you for further discussion. Thanks.

Guy Drake  
APC

(Embedded "James Nelson" <[JIM-N@ipsc.com](mailto:JIM-N@ipsc.com)>  
image moved 05/12/2003 04:51 PM  
to file:  
pic13784.pcx)

To: Gary C. Allen/USWEL01/Power/ALSTOM@GA, Guy I.  
Drake/USWEL01/Power/ALSTOM@GA  
cc: "Bret Kent" <[Bret-K@ipsc.com](mailto:Bret-K@ipsc.com)>  
Subject: Re: IPSC Lynndyl #2, LAP-4100 Proposal

Security Level:? Internal

I would still like to have a discussion with someone specifically aware of the design parameters of the duplex sealing system if for no other reason than just to educate me. I understand that you have established a 5% baseline target or guarantee type number associated with the overall sealing system. I would like to know what the limiting factors are in minimizing leakage across the circumferential, radial and bypass seals. You are apparently telling me that other factors become more significant than, or limit the effectiveness of the seals in controlling leakage.

Also, if the duplex system is eliminated from the design, I would expect to see a significant adjustment of the cost estimate; I see none at all.

Please contact me as soon as you can regarding these issues. thank you

>>> <[guy.i.drake@power.alstom.com](mailto:guy.i.drake@power.alstom.com)> 05/12/03 02:09PM >>>  
Mr. Nelson,

I was able to catch Gary before he left the office and discuss the Duplex(tm) Sealing option. He agree's that Duplex Sealing would not gain anything on your secondary units based on having a Leakage Control System in place.

We dug up the paragraph our performance people provided earlier, in May 2002.

"Duplex(tm) Sealing will NOT provide additional leakage savings because the LCS if operated correctly will reduce the leakage below our 5% minimum quote. Therefore, if they plan on keeping the LCS, then Duplex Sealing is not applicable for this application. "

Hope this clears it up for you. Thanks.

Air Preheater Company  
Guy Drake

Project Manager